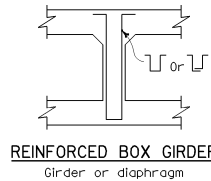
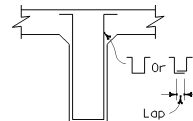


**BRIDGE DETAIL 5-2**  
Top or bottom slab

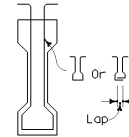
**BRIDGE DETAIL 5-3**



**REINFORCED BOX GIRDER**  
Girder or diaphragm




**T-BEAM**  
Girder, bent cap or diaphragm  
A reinforcement bar must be placed inside of each stirrup hook or 90° bend.



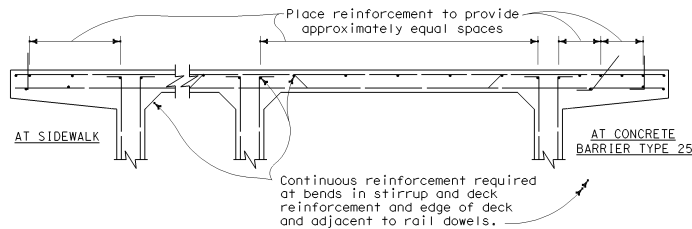
**PRECAST GIRDER**

Stirrup Size	Lap
#13 M (#4)	125 mm (5")
#16 M (#5)	150 mm (6")
#19 M (#6)	200 mm (7 1/2")
#22 M (#7)	225 mm (9")
#25 M (#8)	250 mm (10")

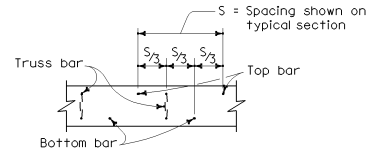
DIST.	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST NO.	SHEET NO.	TOTAL SHEETS
 REGISTERED CIVIL ENGINEER No. C51119 Exp. 9-30-05 STATE OF CALIFORNIA						
July 1, 2002 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet. Caltrans now has a web site! To get to the web site, go to: <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a>						

### DECK CONSTRUCTION JOINTS

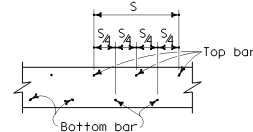
### BRIDGE DETAIL 5-5 ALTERNATIVE STIRRUPS



**BRIDGE DETAIL 5-15**  
**TOP GIRDER REINFORCEMENT**



**BRIDGE DETAIL 5-10**



**BRIDGE DETAIL 5-11**  
**TRANSVERSE DECK REINFORCEMENT**  
**SPACING DIAGRAMS**

### NOTES:

The Contractor shall submit a deck placing schedule which will be subject to the approval of the Engineer. Unless shown otherwise on the plans, the following conditions shall be provided for:

1. Transverse joints will not be permitted in simple spans unless approved by the Engineer. For continuous spans, transverse joints may be located at about the 1/4 point of span. If the deck is placed over continuous steel or precast concrete girders, the portion over the supports shall be placed last.
2. Longitudinal joints shall be located at the edge of a traffic lane unless otherwise permitted by the Engineer.
3. For decks supported on precast concrete girders, the intermediate and end diaphragms shall be placed at least five days before the deck.
4. For deck supported on structural steel, the crossframes for the entire width of bridge shall be in place.
5. Reinforcing steel shall be continuous thru all construction joints.

### STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION **BRIDGE DETAILS**

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

**B0-5**